KINGSAT

Hangzhou Saikeling Electric Technology Co., Ltd

DATASHEET

X Series 3-Axis Maritime Satellite TV Antenna

3-axis TVRO antennas for ocean passages, fleets and larger vessels.

CATEGORY
TVRO Antenna

MODELS
X6 / X8 / X10

SIZE CLASS
64–105 cm radome

SPECIFICATION

Specification	X6	X8	X10
Dish (radome) diameter	64 cm	85 cm	105 cm
Overall dimension	78 × 80 cm	110 × 112 cm	123 × 137 cm
Weight	37 kg	80 kg	125 kg
Frequency band	Ku 10.7–12.75 GHz	Ku 10.7–12.75 GHz	Ku 10.7–12.75 GHz
Minimum EIRP	46 dBW	43 dBW	41 dBW
Stabilization	3-axis stabilized + auto skew	3-axis stabilized + auto skew	3-axis stabilized + auto skew
Polarization	Linear or circular	Linear or circular	Linear or circular
Elevation range	−5° to 115°	−5° to 115°	−5° to 115°
Azimuth range	0°–690°	0°–690°	0°–690°
Cross-level range	±35°	±35°	±35°
Ship motion	Roll ±25°, pitch ±15°, yaw ±8° @ 6 s period	—	—
Tracking rate	> 90°/s	> 90°/s	> 90°/s
Temperature	−30 °C to 70 °C	−30 °C to 70 °C	−30 °C to 70 °C
Humidity	0–95%	0–95%	0–95%

KINGSAT TVRO catalogue, page 2. Values reproduced from the X Series specification sheet; the “—” mark repeats the X6 value where the three models are identical.

AT A GLANCE

— 3-axis stabilized platform with automatic skew
— Elevation −5° to 115°, cross-level ±35°, azimuth 0°–690°
— Cross-level range ±35° — suits heel-heavy hulls
— Ku band 10.7–12.75 GHz, linear or circular polarization
— Tracking rate > 90°/s, roll ±25° / pitch ±15° / yaw ±8° @ 6 s period